

## Stratton, Snyder Appointed As Institute Vice Presidents

Dr. Julius A. Stratton and Mr. Joseph J. Snyder were appointed Vice Presidents of the Institute as announced December 19, 1951, by Dr. James R. Killian, Jr., President of the Institute. Dr. Stratton now holds the position of Provost, and Mr. Snyder the position of Treasurer.

As Vice President and Provost, Dr. Stratton will be primarily concerned with the Institute's educational and research program and will assist the President in discharging the responsibilities of the President's Office for this program.

As Vice President and Treasurer, Mr. Snyder will have executive responsibility for the fiscal and business management of the Institute and for the investment of its funds.

### First Provost

In announcing the two appointments, President Killian said, "The Institute's growth and widened program require a further division and re-definition of administrative responsibility. The designation of two vice presidents recognizes the heavy responsibilities already ably carried by Dr. Stratton and Mr. Snyder and gives them additional scope and authority in discharging these responsibilities."

Dr. Stratton was appointed provost in 1949 as the first academic officer to serve the Institute in that post. He is a native of Seattle, where he was born in May 1901. In 1919 he entered the University of Washington, transferring a year later to the Institute from which he received the degree of bachelor of science and his master's degree in science. He did graduate study abroad from 1923-28 in Grenoble and Toulouse, France, the University of Munich and Leipzig, and he was awarded the degree of doctor of science from the Technische Hochschule in Zurich, Switzerland.

### Associate Professor of Physics

Dr. Stratton's first position on the staff of the Institute was in 1924 when he was appointed a research associate in communications. In 1928 he was made an assistant professor in the department of electrical engineering, until he transferred to the department of physics three years later. In 1935 he was promoted to the rank of associate professor of physics, and

his appointment as full professor came in 1941.

With the establishment of the Radiation Laboratory at the Institute in 1940, Dr. Stratton joined its staff and continued until its termination at the end of the war.

During this period he was detached from the laboratory staff for service in Washington where he was a consultant in the office of the Secretary of War. Here he was engaged on communication surveys and other problems over the North Atlantic ferry route and subsequently in North Africa and Italy. Later he organized a series of technical committees to advise the air forces on programs of ground radar, radar fire control, and radar bombing. The last task was to assist in the establishment of a development program for aids to all-weather flying. It was for these outstanding services that Dr. Stratton was awarded the Medal for

(Continued on Page 5)

## Fasset Named Associate Dean

The appointment of Mr. Frederick G. Fasset, Jr., as Associate Dean of Students at the Institute was announced last week by President James R. Killian, Jr., president.

Mr. Fasset will continue his work as Director of Publications and Director of the Technology Press, but will no longer hold the post of Director of the Institute's Summer Session.

As associate dean of students Mr. Fasset will work closely with Dean E. Francis Bowditch in all phases of life at the Institute for which the office of the dean of students is responsible. He will be particularly concerned, at least in the initial stages of his work, with the dormitory system, the relationship of the dean's office to the fraternities, the problems of commuting students, and cooperation of the administration with undergraduate publications.

In announcing the appointment, Dr. Killian said: "Mr. Fasset has had a long and varied experience both within and without the Institute which make him admirably fitted to fill this new post and carry out the Institute's policies of developing the whole man, of strengthening and expanding the concept of student life and activities run by and for the students in accordance with the highest standards and traditions of M.I.T."

Mr. Fasset was born in Portland, Maine, in 1901, the son of the late Frederick G. Fasset (for many years associated with the Boston Evening Transcript) and Cora Jordan Fasset (also a journalist).

He was educated in the public schools of Portland and Waterville, and Colburn Classical Institute of Waterville, and then entered Colby College, from which he received the degree of bachelor of arts in 1923 and master of arts in 1927. During and after his undergraduate

### Graduated from Colby College

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## Tufts Engineers Coun. Sponsors Discussion

The Tufts College Engineers Council is sponsoring a panel discussion on the topic: "Regional Industrial Development and Its Effect on Future Engineering Employment." The discussion will be held on January 10, 1952 at 8:00 p.m. in the Tufts Intramural Gymnasium on the Tufts Campus in Medford.

The participants in this panel come from various parts of the country and are members of the American Industrial Development Council, or of other country-wide organizations. They will attempt to show the direction of industrial trends in their respective areas and the correlation of the outlook for future engineering development.

## Professor Carl Floe Named As Assistant To Provost

The appointment of Dr. Carl F. Floe, Professor of Metallurgy, to be Assistant Provost at the Institute was announced last Friday by Dr. Julius A. Stratton, Provost.

Dr. Floe will be primarily concerned with problems relating to Institute programs of sponsored research and in this connection will work closely with the director of the Division of Industrial Cooperation. In addition the Assistant Provost will aid in executing any or all of the duties that are a function of the provost's office and in particular will serve as chairman of the Patent and Patent Management committees. Dr. Floe will retain his professorship in metallurgy and will continue to engage in teaching activities in his department.

Born in Dawson, in the Klondike Region of the Yukon Territory, Canada, Dr. Floe received the degrees of bachelor of science and master of science at Washington State College. The Institute awarded him the degree of doctor

of science in metallurgy in 1935.

### Consultant to Quartermaster Corps

From 1930-34 Dr. Floe was instructor in metallurgy at Washington State College, and an assistant professor from 1935-36. He held the same post at the University of Notre Dame during the next three years, and at the Institute from

(Continued on Page 4)

## Professor Jack, Former Head Of Naval Arch., Dies

Professor James R. Jack, who retired as head of the Department of Naval Architecture and Marine Engineering in 1936, died at his home at 24 Hillside Road, Watertown, on Sunday afternoon. He is survived by his wife.

Funeral services will be held at 4:00 p.m. today in Appleton Chapel, Harvard Memorial Church.

Prof. Jack, a professor emeritus of the Institute, was head of the Institute's department of naval architecture and marine engineering for sixteen years. He came to Boston with great distinction as a designer and builder of vessels and as an educator in naval construction in the British Isles.

He was a true son of Scottish shipbuilding, having been born and reared on the banks of the River Clyde which usually turns out more vessels in a year than the output of any country abroad. He lived his early years and received his preliminary education in Helensburgh which faces the great shipping town of Greenock where Watt, the innovator of the steam engine, was born. After leaving school, Jack entered the shipyard of William Denny Brothers at Dumbarton as an apprentice. For two years there he worked 54 hours a week in the shops and in the ships along with the workmen. After passing an examination, he was allowed to

(Continued on Page 3)

## Powell and Gordon Pool Talents As East Campus House Masters

By Edwin Eigel

It's a lot easier to help someone if you know him. These words sum up the attitudes of Professor S. Curtis Powell, faculty resident in East Campus, and Kenneth F. Gordon, his assistant, toward their job in the dormitories. They hope, before the end of the school year, to have met everyone living in East Campus, in order to be better prepared to help the students in any way they can.

Professor Powell is experiencing his first contact with dormitory life. He attended the Institute during the thirties, graduating in 1937, but was a daily commuter during that time. Born in New England, he has lived here all of his life except for a year and a half spent at the Regia Sevola Navale Superiore, University of Genoa, studying for his doctorate in Naval Architecture. After getting his degree, he returned to America and worked in the shipbuilding division of the

Bethlehem Steel Company. After ten years with the company, he accepted a position as Assistant Professor in the Marine Engineering and Naval Architecture Department here at the Institute. He teaches students ranging from Sophomores to Graduates, and was recently elected to the Council of the Society of Naval Architecture and Marine Engineering.

### Not Responsible for Discipline

Mr. Kenneth Gordon is a graduate student in the Chemical Engineering Department, and is currently winding up his doctoral thesis. His home is in Montreal, Canada. His undergraduate work was done at McGill University, where he managed football, and was active in the Outing Club in addition to his class work. Dormitory life is not new to him, as he spent a year in the dorms at Mc-

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## Pool Safety Rules Revised; Life Guard Check Increased

Measures with regard to both the physical and personnel set-up at the swimming pool designed to increase safety and security conditions there have been approved by the Executive Committee of the Corporation, Ivan J. Geiger, Director of Athletics, has announced. Geiger made the proposals last November after a staff member accidentally drowned in the pool.

From now on, lifeguards will be roving on the decks of the pool and/or seated on a raised platform at the brink of the pool. They will have as their sole function the checking of safety and may not leave their watch unless properly relieved.

The new rules also place lifeguards under direct responsibility to the Athletic Director while on duty and gives the Athletic Director authorization to examine and approve all prospective appointments for guard duty and to recommend any physical improvements in pool conditions. The Department of Buildings and Power retains administrative control over attendants and guards.

### New Regulations

The following are the new regulations in force at the pool:

### Physical

1. Move telephone from present location to towel counter or

install extension line from present phone to towel counter.

2. Issue of guest cards Monday, Wednesday and Friday evenings be executed:

(a) At men's towel window on floor and women's towel window in women's dressing room on upper floor.

or

(b) By a student or extra attendant, in pool office (6:15-8:45 p.m. Monday, Wednesday and Friday evenings only).

3. Restrict use of attendants' locker room to attendants only during swimming hours. Swimming team members who desire to use chest weights located in this room are to be admitted. (Some M.I.T. staff members have been dressing in this room. It is felt that their presence adds to confusion and may contribute to distraction from attention to security.)

4. Post safety precautions on all bulletin boards in the Pool Building, and at other commanding locations such as ends of lockers, on walls, and above mirrors. The precautions have been revised to include the following rules:

1. Poor swimmers are to notify

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# The Tech

VOL. LXXI TUESDAY, JANUARY 8, 1952 NO. 52

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## Lowell Inst. Cooperative Broadcasting Council

Program Schedule  
 Station WGBH

Tuesday, January 8, p.m.

3:00—News, weather, highlights  
 3:05—Prelude, Telemann, Oboe Concert; Lalande, King's Supper Music  
 3:30—United States in World History. Professor Thomas H. D. Mahoney, Massachusetts Institute of Technology  
 4:30—Two Hundred Years of Symphony. Beethoven's Seventh Symphony. Tucker Keiser, Northeastern University  
 5:30—Children's Concert  
 6:30—U. S. Weather Bureau Report from Washington (Continental FM Network)  
 6:40—Faculty Report  
 6:50—News. Louis M. Lyons, Harvard University  
 7:00—Masterworks from France (Radiodiffusion Francaise). Florent Schmitt

7:30—Greek Political Theory. Professor Joseph P. Maguire, Boston College  
 8:30—New England Conservatory. Facade. Jean Demos, speaker, and Roger Voisin, conductor. (Repeat broadcast)  
 9:15—Postlude. Walton: Belshazzar's Feast  
 10:15—News, weather

Wednesday, January 9, p.m.

3:00—News, Weather, Highlights  
 3:05—Prelude. Mozart: Piano Concerto in F  
 3:30—The Forms of Drama. Professor Marston Balch, Tufts College  
 4:30—Music of the Ballet. Facade and Rio Grande. Baird Hastings  
 5:30—Children's Circle. Nancy Harper, Nursery Training School of Boston, Tufts College  
 6:00—In Old Vienna  
 6:30—U. S. Weather Bureau Report from Washington (Continental FM Network)  
 6:40—News. Louis M. Lyons, Harvard University  
 7:00—The People Act (NAEB Tape Network). The Sun Shines Bright. Documentary

7:30—International Politics. Commission on Extension Courses. Professor Leo Gross, Fletcher School of Law and Diplomacy, Tufts College  
 8:30—The Poet Speaks. Carl Sandburg (Repeat broadcast)  
 10:00—News, Weather

Thursday, January 10, p.m.

3:00—News, Weather, Highlights  
 3:05—Prelude, W. F. Bach, Trio Sonata in F; K. P. E. Bach, Chromatic Fantasy; Purcell, Sonata in G Minor  
 3:30—United States in World History. Professor Thomas H. D. Mahoney, Massachusetts Institute of Technology  
 4:30—Tomorrow's Symphony. Professor G. Wallace Woodworth, Harvard University  
 5:30—Stories from World History (BBC). Florence Nightingale.  
 5:50—A Trip Through Switzerland (NAEB Tape Network)  
 6:05—Poeta Buna  
 6:40—U. S. Weather Bureau Report from Washington (Continental FM Network)

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## CALENDAR OF EVENTS

JANUARY 9 TO JANUARY 15, 1952

WEDNESDAY, JANUARY 9

Electrical Engineering Department. Colloquium: "Transmission Through Some Parts of the Central Nervous System." Dr. Patrick Wall, Dr. Jerome Lettvin, and Mr. Walter Pitts. Room 6-120, 4:30 p.m. Refreshments at 4:00 p.m. in Room 6-321.  
 Inter-Varsity Christian Fellowship. Lecture: "Christ's Return." Dr. Harold Ockenga, Park Street Church. Room 7-103, 5:00 p.m.

THURSDAY, JANUARY 10

American Chemical Society—Northeastern Section. Symposium: "Nitrogen Oxides and the Fixation of Nitrogen." Professor Eugene Roco, Harvard University; Professor Farrington Daniels, University of Wisconsin; and Professor M. Kent Wilson, Harvard University. Huntington Hall, Room 10-250, 4:00 p.m.  
 Physics Department. Colloquium: "Recent Progress in Meson Physics." Professor Robert Serber, Columbia University. Room 6-120, 4:15 p.m.  
 American Chemical Society—Northeastern Section. Lecture: "What We Do Not Know About the Drying of Oils." Mr. Francis Scofield, National Paint, Varnish and Lacquer Association, Washington, D. C. Huntington Hall, Room 10-250, 8:00 p.m.

FRIDAY, JANUARY 11

Mechanical Engineering Department. Seminar: "Comparison of Theory and Experiment for the Flow in the Entrance Region of a Tube." Mr. T. Y. Toong. Room 3-370, 4:00 p.m. Coffee from 3:30-4:00 p.m. in Room 3-174.

SATURDAY, JANUARY 12

Modern Languages Department. Graduate Language Examinations: French and Russian, Room 1-245, 10:00 a.m.-12:00 noon; German, Room 3-440, 2:00-4:00 p.m.  
 Informal Dance Committee. January Dance. Morss Hall, Walker Memorial, 8:30-12 midnight.

MONDAY, JANUARY 14

Aeronautical Engineering Department. Seminar: "Safety in Aircraft Design." Mr. Jerome Lederer, Director of The Daniel & Florence Guggenheim Aviation Safety Center, Cornell University. DuPont Room, Room 33-319, 4:00 p.m.  
 Mathematics Department. Lecture Series: "Potential Theory on Kahler Manifolds." Professor D. C. Spencer, Princeton University. Room 2-131, 4:30 p.m. Tea at 4:00 p.m. in Room 2-290.

TUESDAY, JANUARY 15

Mathematics Department. Lecture Series: "Potential Theory on Kahler Manifolds." Professor D. C. Spencer, Princeton University. Room 2-131, 4:00 p.m.  
 Metallurgy Department. Colloquium: "Research on the Iron Blast Furnace." Dr. Bruce S. Old, Arthur D. Little Company. Room 6-120, 4:00 p.m.

## EXHIBITIONS

Photographic Salon prints by Helen C. Manzer of New York, New York, are on display in the Photographic Service Gallery, Basement of Building 11 through January 15.

## CALENDAR OF EVENTS

The Calendar of Events appears in THE TECH on Tuesdays with announcements for the following week. Notices, typewritten and signed, must be in the Office of the Editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of January 16-January 22 is due January 10.

## HUGHES COOPERATIVE PLAN for MASTER of SCIENCE DEGREES

### PURPOSE

To assist outstanding BS graduates in obtaining their Master of Science Degrees while employed in industry and making a significant contribution to important military work.

### ELIGIBILITY

June 1952 graduates receiving BS Degrees in the following fields:

Electrical Engineering  
 Electronic Engineering  
 Physics  
 Mechanical Engineering  
 Aeronautical Engineering

Those chosen to participate in this plan will be from the upper portion of their graduating classes or will have evidenced unusual technical ability. They must also have evidenced imaginative ability and possess personality traits enabling them to work well with others.

### CITIZENSHIP

Applicants must be United States citizens who can be cleared for "Secret," due to their work at Hughes Research and Development Laboratories being of a classified nature.

### PARTICIPATING UNIVERSITIES

The University of California at Los Angeles and the University of Southern California will participate in this program, and candidates for Master of Science Degrees must meet entrance requirements for advanced study at these schools.

### PROGRAM

Under this Cooperative Plan, starting June 1952, the following schedule of employment at Hughes is arranged:

Full time—from June 1952 to Sept. 1952  
 Half time—from Sept. 1952 to June 1953  
 Full time—from June 1953 to Sept. 1953  
 Half time—from Sept. 1953 to June 1954

Under this arrangement it is possible for a recipient to receive 2/3 of a normal year's salary each year and to attend

a university half time during regular sessions working on his Master's Degree.

### SALARIES

Salaries will be commensurate with the individual's ability and experience and reflect the average in the electronics industry. Salary growth will be on the same basis as full-time members of the engineering staff. In addition, the individuals will be eligible for health, accident, and life insurance benefits, as well as other benefits accruing to full-time members.

TRAVEL AND MOVING EXPENSES  
 For those residing outside of the Southern California area, actual travel and moving expenses will be allowed up to 10% of the full starting annual salary.

### TUITION

Tuition at either UCLA or USC, covering the required number of units necessary to obtain a Master's Degree, will be paid by Hughes Research and Development Laboratories.

### NUMBER OF AWARDS

Approximately one hundred Cooperative Awards shall be made each year, if sufficient qualified candidates present themselves.

### SELECTION OF CANDIDATES

Candidates will be selected by a committee of representation composed of two each from the University of California at Los Angeles, the University of Southern California, and the Hughes Research and Development Laboratories.

### DATES FOR APPLYING

Informal applications should be mailed prior to January 30, 1952. The Laboratories will then forward formal applications, which should be returned, accompanied by up-to-date grade transcripts, by February 15, 1952. Selections will be made during the month of March.

ADDRESS CORRESPONDENCE TO  
 Hughes Research and Development Laboratories  
 Engineering Personnel Department  
 Culver City, California



Letter to the Editor

Editor, THE TECH  
Dear Sir:

As long as THE TECH has gone to the trouble to publish the results of the alleged "poll" on the quality of commons food, I feel morally obligated to add a few comments on the manner in which the "poll" was conducted.

I was approached by several fellows in Walker who asked me what I thought of the commons food. They asked in such a manner as to give me the impression that they expected a negative answer. They did not mention that they were taking a definite poll. I answered after some thought that the quality of the food was above what I expected it would be when I voluntarily signed up for commons food. The pollster's reply was a snort of disgust and he communicated my answer to another as simply—another one. It was then that I caught on that this was a poll. Out of curiosity I followed along while they quizzed a nearby diner. They demanded his opinion

and when he confessed that he didn't think that the food was such that he would refuse commons next term, they all looked at him as if he was out of his head. (There were four of them by the way.) It started to have humorous aspects so I stayed with them while they hit another guy. He thought awhile and stated that he thought it was okay and that he was getting all he could eat. "What!" cried our unbiased pollster pointing to the guy's plate, "I could eat two of those." This was supertime and I remarked out loud that he wouldn't be able to if he had eaten a commons breakfast and lunch; and all those sitting around agreed out loud with that. Your Gallup slunk off and I went on my own way.

As one who has eaten in Mors Hall over a period of four years it is my honest opinion that there has been a tremendous improvement in the quality and quantity of the food since the advent of the

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Jack

(Continued from Page 1)

enter the drafting rooms to complete his apprenticeship.

Then followed many years of concentrated work during which he had experience in the design and construction of about 400 vessels of all kinds. In 1901 he was put in charge of the design work, drafting rooms, mold loft, and pattern shop, and from then until the outbreak of the World War was responsible for the design of about 350 vessels. During this period the Denny Brothers introduced the Parsons steam turbine for the propulsion of merchant ships, the first turbine ship, the King Edward, being launched by them in 1901. At a later date they also built the first vessel propelled by a combination of steam reciprocating and turbine machinery.

War requirements reduced the need for new designs and replaced it with the necessity of rapid production of war vessels. Thereupon, Jack's firm promoted him to manager of the entire shipyard which was employed in turning out torpedo boat destroyers, submarines, troop transports, airplane carriers, and hospital ships. For his out-

standing activities in this new capacity, he was awarded the Order of the British Empire, the decoration for which was pinned on him by His Majesty the King in Buckingham Palace.

From 1894 until the outbreak of the World War, Professor Jack had lectured on naval architecture at the Royal Technical College in Glasgow. His great service during the War made him well known abroad and in 1919 he was invited to Technology to deliver a series of lectures on naval architecture and ship construction. In the following year he was made head of the Institute's department upon the retirement of Professor Cecil H. Peabody. In 1923 he became Dean of Navy Students, and the following year, Director of the Nautical Museum at Technology. He retired in 1936.

Professor Jack was a member of the Institution of Naval Architecture, London, the Society of Naval Architects and Marine Engineers, New York, and the Institution of Engineers and Shipbuilders, Glasgow. He was a fellow of the American Academy of Arts and Sciences.

Much of his leisure time has been spent in the study of natural history, particularly botany, and in color photography. He is a member, and was for several years president, of the New England Botanical Club. His interest in Technology's nautical museum, which inherited the collection of the late Captain Arthur Clark as a nucleus, had led him to devote many hours of recreation to the reproduction of historic ships in miniature for additions to the museum.

Fassett

(Continued from Page 1)

ate career he was a representative for various Boston and New York papers, night editor of the Water-ville Morning Sentinel, and a correspondent for the Associated Press. He was an assistant in journalism at Colby College from 1926-27 and an instructor in English at the University of Maine from 1927-30. He received the degree of master of arts in 1930 from the University of Maine, where he instituted the journalism course, and from 1931-32 did graduate work at Harvard University.

Taught English at Institute

He joined the Institute staff in 1930 as an instructor in the Department of English and History, was named assistant professor of English in 1934, and associate professor in 1938. Chairman of the advisory council on publications, Mr. Fassett also served as chairman of first-year instruction in his department and as a member of committees on revision of the curriculum, first-year instruction, and admissions from 1934-38, when he was appointed editor of the Technology Review, of which he had been an editorial associate since 1935.

In 1945 Mr. Fassett left the Institute to become director of publications and public relations for the Carnegie Institution of Washington, a post which he held until his return in 1951.

From 1942-44 he served as Expert Consultant, Office of the Secretary of War, and from 1950-51 as consultant to the President's Communications Policy Board.

He is the present Faculty Resident in Baker House.

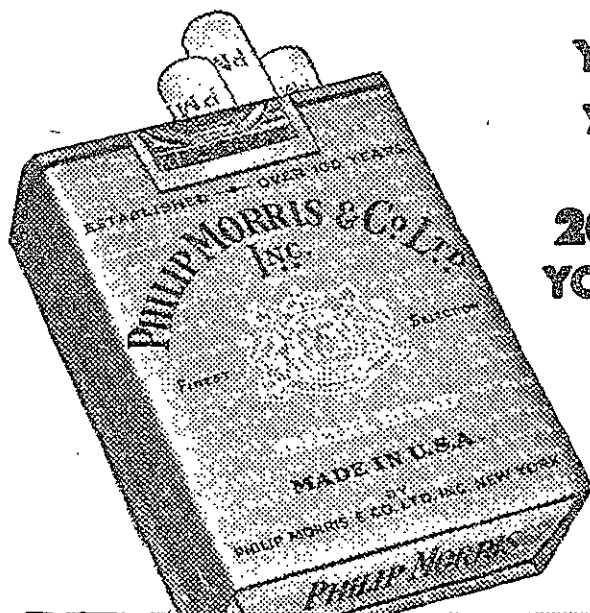
Snakepit

The Snakepit, starring Olivia de Havilland, will be presented by the Lecture Series Committee this Thursday in 1-190 at 5:00 p.m. and 8:00 p.m.

# HOW MANY TIMES A DAY DO YOU INHALE?

50? 100? 200?

IF YOU'RE AN AVERAGE SMOKER  
THE RIGHT ANSWER IS OVER 200!



Yes, 200 times every day  
your nose and throat are  
exposed to irritation...  
**200 GOOD REASONS WHY  
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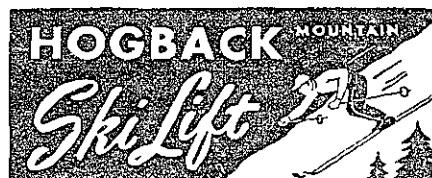


### WINTER WONDERLAND

Superb sport outdoors, and old-time  
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SCHOOL. Many trains, busses.  
WRITE for \$16 all inclusive week-  
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with Hotel Brooks.

FREE FOLDER-WRITE BOX T

BRATTLEBORO, VERMONT

# SALE

## MEN'S SHIRTS

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Regular collar. White only

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## MEN'S PAJAMAS

BRATTLE ST. BROADCLOTH

Plain colors

Regular sizes and extra longs

NOW \$3.98

Regularly \$4.95

**The Technology Store**



## Floe

(Continued from Page 1)

1939 to 1942 when he was appointed associate professor and in 1950 full professor of metallurgy. He was named executive officer of the Department of Metallurgy in 1943.

During World War II Dr. Floe served as a consultant for the United States Army Quartermaster Corps and for several companies including the Gorham Manufacturing Company, Pratt and Whitney Aircraft Corporation, The Nitralloy Corporation and the Vermont Marble Company. He is at present a director of the White Pigment Corporation, Boston Electro Steel Casting, Inc., and The Nitralloy Corporation, and a consultant for several companies particularly in the fields of service behavior of metals and surface hardening of steel.

## Five Faculty Receive Achievement Awards

Five members of the Technology staff have been awarded United States Certificates of Achievement for participation in atomic energy tests. The certificates, granted "for meritorious service," were issued under the signature of Lieutenant General Elwood R. Quesada.

The five men cited are: Raymond L. Bisplinghoff, associate professor of aeronautical engineering; Carl S. Doherty, research engineer with the Institute's division of industrial cooperation; Robert J. Hansen, associate professor of civil engineering; Lawrence I. Levy, research associate in aeronautical engineering; and Norman P. Hobbs, research assistant in aeronautical engineering.

## Wright Trophy Goes To Dr. J. C. Hunsaker

## Former Course XVI Head Commended For Service In Aviation

Dr. Jerome Clark Hunsaker, professor of aeronautical engineering and former head of the department, has been awarded the Wright Brothers Memorial Trophy by the National Aeronautical Association. In awarding the 1951 trophy to Dr. Hunsaker, who is chairman of the National Advisory Committee for Aeronautics, the committee cited his long career of public service in the field of aviation.

The first American course of instruction for aeronautical engineers was established at the Institute by Dr. Hunsaker in 1914, and he designed and built a pioneer wind tunnel for educational and research purposes. During World War I he designed non-rigid patrol airships for anti-submarine patrols. He was founder and first president of the Institute of Aeronautical Sciences.

## Deferments

(Continued from Page 1)

amount of time on active duty, if called. The amount of time to be spent in the service is best explained by quoting from the new deferment law, "Each person who, subsequent to the date of enactment of this paragraph, is inducted, enlisted, or appointed in the Armed Forces or in the National Security Training Corps prior to attaining the twenty-sixth anniversary of his birth shall be required to serve on active training and service in the Armed Forces or in the National Security Training Corps, and in a reserve component, for a total of eight years." The total of eight years under the present arrangement is comprised of 24 months minimum active duty and the remaining time in the reserves. The National Security Training Corps is the Universal Military Training program which is passed but not yet in practice. Scholarship deferments attained by passing government tests are not positive draft

(Continued on Page 6)

## Wesleyan Crushes Matmen By 27-3

Last Saturday an out-of-shape Tech wrestling team took a drubbing at the hands of a strong Wesleyan University team in a meet in the Wesleyan gym. The final score, 27 to 3, looks worse than the facts warrant, however, as Tech was forced to forfeit the 123-pound and heavyweight matches (worth 10 points) due to vacation injuries and traveling difficulties. Scheduling difficulties made it necessary to hold this during-vacation match in which the Wesleyan team's superior physical conditioning certainly was a large factor. Since their vacation had been over for several days the Wesleyan team had some time to get in shape and this conditioning paid off in at least two close matches.

Tech's only win was turned in by Captain Sinclair Buckstaff in his win by a decision of 8 to 5. Results:

123 lbs.—forfeit by M.I.T.

130 lbs.—Morrison (W) defeated Graef (M.I.T.) by decision 8-0

137 lbs.—Kaufer (W) defeated Hanson (M.I.T.) by decision 4-2

147 lbs.—Buckstaff (M.I.T) defeated Lake (W) by decision 8-5

157 lbs.—Graham (W) defeated Seberg (M.I.T.) by fall—8 min., 30 sec.

167 lbs.—Dewey (W) defeated Ebeling (M.I.T.) by decision 8-5

177 lbs.—Chase (W) defeated Land (M.I.T.) by decision 8-2

Heavyweight—forfeit by M.I.T.

## HOME IS WHERE THE BUCK IS

OR

Who Did You Say Is a Boy's Best Friend?



Once there was a sophomore whose father had a bad habit of saying "No". Vehemently. Particularly about money. Ask him the Big Question and his jowls would turn a fetching shade of vermillion.

So Junior, his need needled by three days of living on Pup-O-Nip (liver-flavor) sandwiches, cast about for a New Approach. Found it, too. Right at the Western Union office. He just sat down and worked out a wire to Negative Polarity Pappy. A brisk little wheeze . . . to wit: "Must have twenty dollars immediately. Urgent. Please flash by telegraphic money order." Results? Our sophomore was caressing the cash within two hours.

What's Junior's major? Psychology, of course.

It's darned good psychology to wire home at other times than just when you need help and comfort. For holiday greetings—Mother's Day—good news about grades—things that would make Home Happier. Try it next time. Just head for your local Western Union office.

**JET DESIGNERS**

use the New

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—the Absolutely Uniform

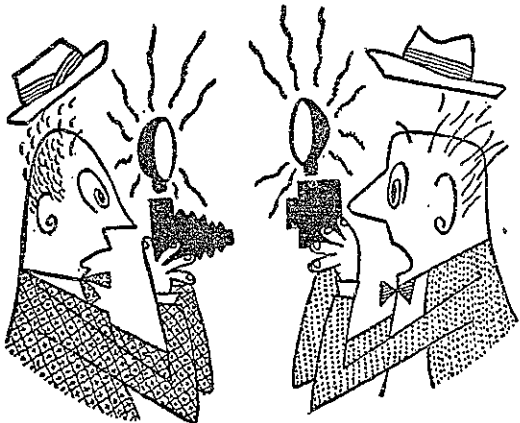
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© Absolute uniformity means drawings without "weak spots"—clean, legible detail. Famous for smooth, long-wearing leads. Easily distinguished by bull's-eye degree stamping on 3 sides of pencil. At your campus store!

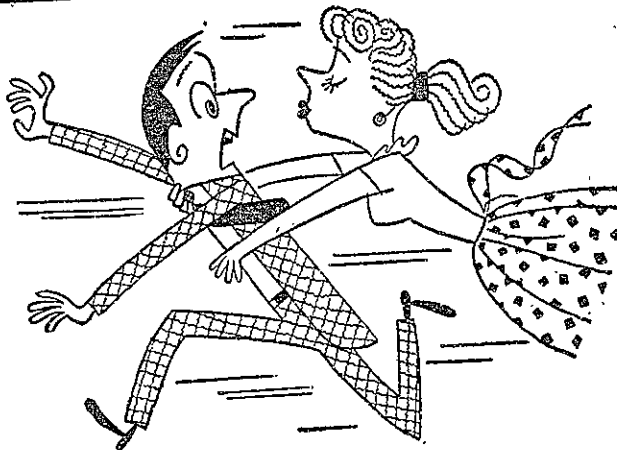
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## WHAT ARE THE ODDS?



It's 2 to 1 you'll have your picture taken at some time or another.



Give up, men. Only 1 man in 10 manages to remain a bachelor.

It's 12 to 1 you'll like\*

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\*HERE'S PROOF that clear, dry Schaefer has what practically everyone wants in a beer. In an independent survey among people who drink beer, 12 out of every 13 who tasted Schaefer liked it. No wonder more people are drinking Schaefer—America's oldest lager beer—than ever before in Schaefer's 110-year history.

Make it clear... make it *Schaefer*

The F. &amp; M. Schaefer Brewing Co., N. Y.



## Pool

(Continued from Page 1)

- guard each time before entering deep water.
2. No diving from high board when pool is congested. (Discretion of guard.)

### Personnel changes

1. The life guard on duty:  
(a) Shall be roving on the decks of the pools.  
and, or  
(b) Be seated on a raised platform at the brink of the pool so that all parts of the sides and bottom of large pool are clearly visible.  
Guards are to be on constant vigilant watch over all swimmers at all times with the sole purpose of detecting and arresting any extraordinary activity that may contribute to unsafe conditions or lack of personal safety.
2. Guards on duty as described in (a) and (b) above are not to be permitted to leave watch at any time for any purpose unless properly relieved by a regularly employed trained guard.
3. No guard shall remain on continuous duty for more than two (2) consecutive hours. (It is suggested that guards alternate guard duty with other pool duties every two hours.)
4. It is recognized that Buildings & Power Department Officials are responsible for administrative control of the attendants and guards. However, it is recommended that  
(a) The Athletic Director, or delegated authority, be authorized to examine and approve all prospective appointments for guard duty before employment.  
(b) All guards (or attendants) while on duty as a life guard be directly responsible to the Athletic Director.  
(c) That the Athletic Director be authorized to recommend to Buildings & Power Department any physical improvements that may contribute to safe conditions.
5. That all presently employed guards and attendants not certified in Senior Red Cross Life Saving become certified as soon as possible.
6. That guards and attendants employed in the future be properly certified as holders of the Senior Red Cross or Instructors Life Saving and First Aid Certificates, and exhibit proficiency in the skills and techniques of life saving in a special test as administered and passed on by a properly registered examiner.
7. That all guards be required to engage in a ten-hour refresher course in Life Saving and First Aid annually.
8. That all guards pass a rigid medical examination annually.

## Stratton & Snyder

(Continued from Page 1)

Merit from the Secretary of War in 1947.

### Director of Electronics Lab

Upon his return to M.I.T. in 1945, Dr. Stratton was active in the organization of the Research Laboratory of Electronics of which he became director that year. He served three years as chairman of the committee on electronics of the joint research and development board.

Dr. Stratton is a fellow of the National Academy of Science, American Academy of Arts and Sciences, American Physical Society, and the American Institute of Radio Engineers. He is also a director of the American Institute of Radio Engineers. His fraternities are Zeta Psi, Tau Beta Pi, and Sigma Xi, and he is a member of the St. Botolph Club of Boston.

### Graduated from Harvard Business School

Mr. Snyder has been treasurer of the Institute since July 1, 1950. He is widely known for his active participation in the financial and business interests of the Institute, as well as in investment management, financial administration, and industrial management affairs in Boston.

Mr. Snyder is a partner in the Colonial Management Associates of Boston, investment advisers to the Finance Committee of the Massachusetts General Hospital and other organizations. He is also vice president of the investment trusts, the Railway and Light Securities Company and the Gas Industries Fund. He is a trustee and member of the Board of Investment of the Boston Five Cent Savings Bank, a director of the Michigan Seamless Tube Company and a director of the Transcontinental Gas Pipe Line Corporation.

Mr. Snyder, born in Findlay, Ohio, was graduated from the Carnegie Institute of Technology with the degree of bachelor of science in 1931 and from the graduate School of Business Administration, Harvard University, with the degree of master of business administration three years later. From 1944 to 1945 he was secretary of the budget committee and associate head of the Office of Business Administration of the Radiation Laboratory at the Institute. He has been awarded the Army-Navy Certificate of Appreciation and is an associate member of the American Institute of Chemical Engineers.

He is a former president of the Harvard Business School Alumni Association, a member of the Detroit Club, and the Downtown Club of Boston; his fraternity is Beta Theta Pi.

## Letter

(Continued from Page 3)

contract feeding. I hate to see any present or future benefit that can be obtained from contract feeding squelched, because some people need an outlet for their "gripping."  
Maurice Davidson '52

## Powell

(Continued from Page 1)

Gill University, and a year and a half in the Graduate House here at the Institute. Both he and Professor Powell are skiing enthusiasts in their spare time.

Concerning their job as faculty residents, both Professor Powell and Mr. Gordon have definite ideas. They are interested in improving the social and intellectual life in the dormitories. They are in no way responsible for discipline or the actual running of East Campus. They believe that by staying clear of these two fields, they have a better chance to meet and get the confidence of the students. Their primary purpose is to give any assistance they can to the residents of East Campus, be it academic, social, or intellectual. Anyone with a problem is their problem.

### Bull Sessions Important

How to go about attaining these ends was the first problem to face Professor Powell and Mr. Gordon. Before they could do anything, they had to meet the East Campus resi-

dents. This is being accomplished in several ways. A few weeks ago, they held open house for all who could leave their books for a few minutes, and intend to have more of these affairs in the future. They hope that by the end of the school year, everyone in East Campus will have received a definite invitation to some sort of gathering. These might be gatherings of students in the same class, course, dormitory hall, or similar grouping. It is hoped that these gatherings will not only allow Professor Powell and Mr. Gordon to meet the students, but will give the students an opportunity to meet each other.

Helping students to meet people with different interests, having informal bull sessions, providing someone older and more experienced to help clear up everyday problems—these are some of the things which Professor Powell and Mr. Gordon hope will add to dormitory life. It is all a necessary part of any education. As Professor Powell says, "Today the world doesn't want a trained man; it wants an educated man."

## Isotope Tally

The Institute received thirteen shipments of radioisotopes from the Brookhaven National Laboratory during its first full year of reactor operation.

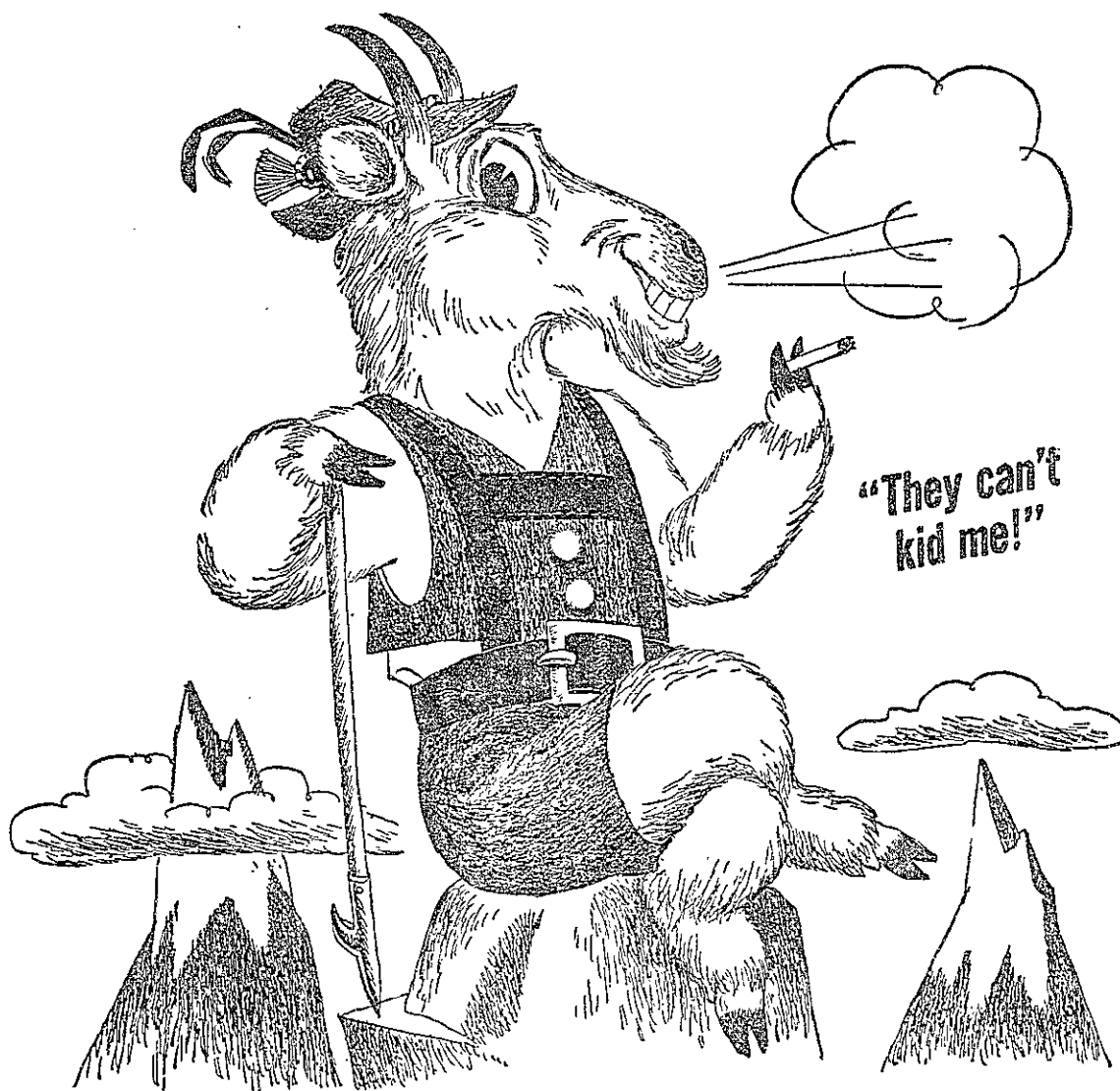
The Brookhaven reactor supplied 270 radioisotopes for shipment to 26 different research organizations during 1951, the first full year of reactor operation, according to officials of Brookhaven National Laboratory here.

The figures do not include the several hundred radioisotopes used in day-in, day-out research by staff scientists of the Laboratory, which is operated by Associated Universities, Inc. under contract with the U. S. Atomic Energy Commission.

One hundred of the Brookhaven shipments were of sodium 24, and ninety-one shipments were of potassium 42, which lose half their radioactivity every 15 and 12.4 hours, respectively. Among the most active Brookhaven radioisotopes of 1951 were several pieces of cobalt 60, each rated at 1000 curies.

## Campus Interviews on Cigarette Tests

### No. 31...THE MOUNTAIN GOAT



He thought they were trying to make him the butt-end of a joke when he was asked to judge cigarette mildness with a mere puff of one brand and a quick sniff of another. The fancy foot-work didn't dazzle him! He knew that the pinnacle of pleasure comes from steady smoking... and that there is only one test that gives you enough time to permit conclusive proof. Smokers throughout America have made the same decision!

It's the sensible test... the 30-Day Camel Mildness Test, which simply asks you to try Camels on a day-after-day, pack-after-pack basis. No snap judgments! Once you've tried Camels for 30 days in your "T-Zone" (T for Throat, T for Taste), you'll see why...



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**WGBH**

(Continued from Page 2)

- 6:50—News. Louis M. Lyons, Harvard University
- 7:00—President's Message. The State of the Union. An analysis by the Reverend Thomas F. Fleming, S.J., Boston College
- 7:30—Our Changing Earth. Commission on Extension Courses. Professor C. Wroe Wolfe, Boston University
- 8:30—The God That Failed. Symposium. Professors Alex Inkeles and Arthur M. Schlesinger, Jr., Harvard University; Wladislaw W. Kulski, University of Alabama; Professor William Y. Elliott, Harvard University, Moderator
- 10:30—News, Weather

Friday, January 11, p.m.

- 2:10—Boston Symphony Orchestra. Ernest Ansermet, conducting. Program: Berlioz, Harold in Italy; Bartok, Viola Concerto; Stravinsky, Divertimento from Le Baiser de la Fee. William Primrose, soloist
- 4:20—News, Weather, Highlights
- 4:30—Cooper Union Forum. Ideas and Their Communication (NAEB Tape Network). Education vs. Thought Control. Dean Ernest O. Melby, New York University
- 5:30 — Children's Circle. Nancy Harper, Nursery Training School of Boston, Tufts College
- 6:00—Brachim Hayosheim
- 6:30—U. S. Weather Bureau Report from Washington (Continental FM Network)
- 6:40—Faculty Report

- 6:50—News. Louis M. Lyons, Harvard University
- 7:00—Tomorrow's Symphony. Professor G. Wallace Woodworth, Harvard University
- 8:00—I'll Tell You a Story. Professor Donald Born, Boston University. The Monkey's Paw, by W. W. Jacobs
- 8:15—Library of Congress Concert (Continental FM Network). Vronsky and Babin, duo-pianists
- 10:00—News, Weather

Saturday, January 12, p.m.

- 3:00—News, Weather, Highlights
- 3:05—Weekend Trails. Wildlife at Your Door. C. R. Mason, Massachusetts Audubon Society
- 3:30—Introduction to Psychology. Commission on Extension Courses. Dr. Edwin B. Newman, Harvard University
- 4:15—The Human Adventure (NAEB Tape Network). Documentary. Tall Tales of America
- 4:45—Student Recital. Elaine Pinkerton, violin, New England Conservatory of Music
- 5:45—A Canadian Looks at Canada (CBC)
- 6:00—Cena Chilena
- 6:40—Faculty Report
- 6:50—News, Weather, Highlights
- 7:00—The Epic. Commission on Extension Courses. Professor John H. Finley, Jr., Harvard University
- 8:25—Boston Symphony Orchestra. Ernest Ansermet, conducting. Program: Berlioz, Harold in Italy; Bartok, Viola Concerto; Stravinsky, Divertimento from Le Baiser de la Fee. William Primrose,

- soloist
- 10:30—News, Weather

Sunday, January 13, p.m.

- 3:00—News, Weather, Highlights
- 3:05—Prelude. Copland: Appalachian Spring
- 3:30—Aging Successfully (NAEB Tape Network). The Attitudes of Other Cultures toward Old Age. Dr. Robert L. Peterson, University of Illinois
- 4:00 — Guest Collector. Malcolm Holmes
- 5:00 — Lowell Institute Lecture. Medical Education — A Concern of the People. Third in a series of four lectures by Dr. James Howard Means, Harvard University and Massachusetts Institute of Technology
- 6:00—Faculty Report

**Deferments**

(Continued from Page 4)

deferments. Whether they are effective depends on your local draft board's discretion and need for men.

For those Army R.O.T.C. advanced course students who were covered under the old deferment and as yet have not signed the new deferment the deadline is Wednesday, January 9, 1952. Government

payments will not be paid to those who have not accepted the new agreement and these people must either sign or drop the advanced course.



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